



## SUBJECT

**M57Y Engine: Selective Catalyst Reduction (SCR) Replacement Procedures**

## MODEL

E70 with the M57Y engine produced to 10/2009

E90 with the M57Y engine produced to 9/2009

## SITUATION

After diagnosis due to a Service Engine Soon lamp being on, it was determined that the SCR catalyst needs to be replaced. The new SCR catalyst is an improved design that also requires programming of the DDE via the conversion path. Note: This conversion is only required on 2009 MY vehicles.

## PROCEDURE

Replace the SCR catalyst and the front pipe mixer. After replacement, perform a programming session with the current version of ISTA/P. Before completing the measures plan, select "Vehicle" from the top menu and select "Conversions". Next, select "Conversion, data compatibility catalytic converter". After selecting the conversion, continue with the measures plan and reprogram the vehicle.

**Note:** When the ISTA system message displays:

Battery voltage only "XX.XX" V. Please connect charger.

Please note the displayed battery voltage reading in the repair order comments section.

## PARTS INFORMATION

Part Number	Description	Quantity
18 30 8 509 753	SCR catalyst – E70	1
18 30 7 560 781	Exhaust clamp – E70	1
18 30 8 513 445	Mixer – E70	1
18 30 8 509 750	SCR catalyst – E90	1
18 30 7 560 779	Exhaust clamp – E90	2
18 30 8 512 438	Mixer – E90	1
18 30 7 812 171	Gasket – front pipe to cat (both models)	1

## WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty, any applicable Federal, State or BMW Emissions Warranty.

<b>Defect Code:</b>	<b>18 30 03 15 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to KSD2	Vehicle test

and if necessary, also

61 21 528	Refer to KSD2	Charging battery when the ISTA system message displays Battery voltage only “XX.XX” V. Please connect charger
18 31 535	Refer to KSD2	Removing and installing or replacing catalytic converter
61 00 710	Refer to KSD2	Programming and encoding control unit (s) (not including CAS)
or		
61 00 720	Refer to KSD2	Programming and encoding control unit (s) (with CAS)
Refer to KSD2	Refer to KSD2	Concluding work (initializations) as described in the ISTA/P final report

Labor operation code 00 00 006 is a main labor operation; if you are using a main labor code for another repair, use the plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the VIN and click on the “Search” button, enter the applicable flat rate labor operation in the FR code field.

If a control module fails to program correctly, or initialization is required, work through the Measures Plan and/or Final Report. Claim this additional work under the defect code listed in this bulletin, refer to the KSD2 for the labor operation codes and labor allowances.

Please refer to the Warranty Policy and Procedures Manual regarding add-ons, proper support, documentation, claims submission and archiving requirements as applicable.

[ Copyright © 2011 BMW of North America, LLC ]